

ABSTRACT OF THE DISCLOSURE

The present invention provides epitope-tagged mammalian recombinant Growth
5 Arrest Specific Gene 6 (Gas6) proteins or polypeptides that retain their biological activity of
Gas6, including a novel method of generating and purifying the aforesaid proteins or
polypeptides. Such biologically active epitope-tagged Gas6 proteins or polypeptides can be
used when the presence of Gas6 is required and/or when Gas6 antagonists and receptors need
to be identified. Prior to being expressed from a mammalian cell, the recombinant Gas6
10 protein or polypeptide is tagged with either Flag or polyhistidine to the C-terminus. After
expression, the protein or polypeptide is purified in a single step affinity purification using
either anti-Flag antibody resin or nickel resin. The purified epitope-tagged mammalian
recombinant Gas6 protein or polypeptide maintains its biological activity and can be used
thereafter.

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